

CLAIMS

1. A surface protective sheet having a pressure-sensitive adhesive layer on at least one side of a substrate, characterized in that the pressure-sensitive adhesive comprises 100 parts by weight of a styrene-isobutylene block copolymer, and 0 to 300 parts by weight of a softening agent and 0 to less than 20 parts by weight of a tackifying resin, based on 100 parts by weight of the styrene-isobutylene block copolymer.
2. A surface protective sheet having a pressure-sensitive adhesive layer on at least one side of a substrate, characterized in that the pressure-sensitive adhesive comprises 100 parts by weight of a thermoplastic elastomer composed of a styrene-isobutylene block copolymer and a styrene block copolymer or a styrene random copolymer other than the styrene-isobutylene block copolymer, and 0 to 300 parts by weight of a softening agent and 0 to less than 20 parts by weight of a tackifying resin, based on 100 parts by weight the thermoplastic elastomer.
3. A surface protective sheet according to claim 2, characterized in that the styrene-isobutylene block copolymer and the styrene copolymer other than the styrene-isobutylene block copolymer are comprised at a weight ratio of 100:0 to 50:50.
4. A surface protective sheet according to any of claims 1 to 3, characterized in that the melt flow rate of the pressure-sensitive adhesive is 0.5 to 300 g/10 min at 190°C and 2.16 kg.
5. A surface protective sheet according to any of claims 1 to 4, characterized in that the tackifying resin is composed of a hydrogenated rosin ester resin.
6. A surface protective sheet according to any of claims 1 to 5 wherein the softening agent is at least one selected from the group consisting of oil, paraffin wax, low molecular weight polybutene, low molecular weight polyisoprene, low molecular weight polyisobutylene and low

molecular weight poly- α -olefin.

7. A surface protective sheet according to any of claims 1 to 6, characterized in that at least one selected from the group consisting of an antioxidant, ultraviolet
5 absorber, ultraviolet stabilizer (HALS), antistatic agent and lubricant is comprised in the pressure-sensitive adhesive.
8. A surface protective sheet according to any of claims 1 to 7 wherein the ultraviolet transmission rate of the
10 substrate is 1% or less.